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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/604,788	08/17/2003	Chien-Kuo Kuan	17657.70a	1787
22913	7590	05/27/2009	EXAMINER	
Workman Nydegger 1000 Eagle Gate Tower 60 East South Temple Salt Lake City, UT 84111				LEE, CHEUKFAN
ART UNIT		PAPER NUMBER		
2625				
			MAIL DATE	DELIVERY MODE
			05/27/2009	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/604,788	KUAN ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Cheukfan Lee	2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 02 March 2009.  
 2a) This action is **FINAL**.                    2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-8 and 10-30 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) 1-8, 10, 11 and 16 is/are allowed.  
 6) Claim(s) \_\_\_\_\_ is/are rejected.  
 7) Claim(s) 12-15 and 17-30 is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on 17 August 2003 is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ .                                    |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____.   | 6) <input type="checkbox"/> Other: _____ .                        |

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1. Claims 1-8 and 10-30 are pending. Claims 1, 4, 7, 12, 17, 23, and 27 are independent.

2. This application is in condition for allowance except for the following formal matters:

In claim 12, line 8, "the CCFL" lacks antecedent basis. The term is part of the newly added claim language. (Refer to claim 14.)

In claim 17, line 4, "the CCFL" lacks antecedent basis. The term is part of the newly added claim language. (Refer to claim 21.)

In claim 23, line 8, "heating, light source" should read – heating light source --; and line 9, "a timer" should read -- the timer -- if "a timer" is referring to the basis of the term set forth on line 7.

In claim 27, line 5, "the lamp" lacks antecedent basis. The term is part of the newly added claim language. (Refer to claim 29.)

Claims 13-15 depend on claim 12.

Claims 18-22 depend on claim 17.

Claims 24-26 depend on claim 23.

Claims 28-30 depend on claim 27.

In this Office action, claims 12-15 and 17-30 are objected to.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 25 USPQ 74, 453 O.G. 213, (Comm'r Pat. 1935).

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

3. Claims 1-8, 10, 11, and 16 are allowed.

4. The following is an examiner's statement of reasons for allowance:

Independent claim 1 as amended defines over Hu et al. (U.S. Patent No. 6,104,510). The examiner agrees with Applicant on the remarks that the newly added language to claim 1 is not taught by Hu et al. See REMARKS, section II on pages 8-9.

Claims 2, 3, 5, 6, and 16 depend on claim 1.

In dependent claims 12, 17, 23, and 27 as amended each include a newly added limitation similar to that of the claim 1.

Claims 13-15 depend on claim 12, directly or indirectly.

Claims 18-22 depend on claim 17, directly or indirectly.

Claims 24-26 depend on claim 23, directly or indirectly.

Claims 28-30 depend on claim 27.

Claim 4 now in independent claim form is allowable over Hu because the light source in Hu et al. that is interpreted to meet the claimed heating light source is the red LED (310), which is not a metal halide lamp as claimed.

Independent claim 7 was allowed in the previous Office action. Claim 7 is allowable over the prior art of record, including Hu et al. (U.S. Patent No. ) and Chang et al.. (U.S. Patent No. 7,079,791). As noted in the Office action of October 26, 2007, Chang et al. discloses an apparatus similar as the claimed scanner. However, Chang et al. filed April 1, 2004 in the U.S. is not prior art to the present application filed August 17, 2003 and having a foreign priority date May 21, 2003.

Claims 8, 10 and 11 depend on claim 7.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheukfan Lee whose telephone number is (571) 272-7407. The examiner can normally be reached on 9:30 a.m. to 6:00 p.m., Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (571) 272-7402. The fax phone

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number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Cheukfan Lee/  
Primary Examiner, Art Unit 2625